

Aci Concrete Repair Manual

Causes, Evaluation, and
Repair of Cracks in
Concrete Structures
Reported by ACI
Committee 224 ACI
224.1R-07 The causes
of cracks in concrete
structures are
summarized. The proce-
dures used to evaluate

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aci-concrete-repair-manual

cracking in concrete and the principal techniques for the repair of cracks are presented. The key methods of crack repair are

Preparation for the
Repair of Deteriorated
Concrete Resulting
from Reinforcing Steel
Corrosion. CAN/CSA
G30.18, Billet-Steel Bars
for Concrete
Reinforcement ACI

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117, Standard
Tolerances for Concrete
Construction and
Materials Reinforcing
Steel Institute of
Canada, (RSIC),
Manual of Standard
Practice

Manual Notice

2019-1 1. Introduction

1. Overview 2.

Using the Concrete

Repair Manual 3.

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Standard Specification
References to the
Concrete Repair
Manual 4. Repairs
and Repair Manual
5. Repair Procedure
Submission and
Approval 6. Quality
Control/Quality
Assurance 7.
Definitions and
Abbreviations 2.
Damage ...

Aci Concrete Repair
Manual
- ICRI International
Concrete Repair
Institute - NACE
International (Formerly
the National Association
of Corrosion Engineers)
- PTI Post-Tensioning
Institute - SSPC The
Society for Protective
Coatings - USACE
United States Army
Corps of Engineers. The

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2-volume Concrete Repair Manual is a must have for those involved in the repair of concrete.

Concrete Repair Manual - 4th Edition :
2-Volume Set
Guide to Concrete Repair Author: ACI
Committee 546 Subject:
This guide presents
recommendations for

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the selection and application of materials and methods for repairing, protecting, and strengthening concrete structures. An overview of materials and methods is presented as a guide for selecting a particular application.

Guide to Concrete
Repair - American

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Concrete Institute
Concrete Repair
Manual 1-4 TxDOT
01/2019 Chapter 1 —
Introduction Section 2
— Using the Concrete
Repair Manual Section
2 — Using the Concrete
Repair Manual When
developing repair or
rehabilitation plans, the
Engineer should
specifically include
which sections of this

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manual will be enforced.

Concrete Repair
Manual (CRM)
12 CONCRETE
REPAIR BULLETIN
MAY/JUNE 2017
WWW.ICRI.ORG BY
KEITH KESNER
AND KEVIN
CONROY
INTRODUCTION In
2006, an American
Concrete Institute (ACI)

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technical committee began working on the development of a building code for the repair of existing

ACI 562-16: The ACI Concrete Repair Code
The American Concrete Institute. Founded in 1904 and headquartered in Farmington Hills, Michigan, USA, the American Concrete

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Institute is a leading authority and resource worldwide for the development, dissemination, and adoption of its consensus-based standards, technical resources, educational programs, and proven expertise for individuals and organizations involved in concrete design ...

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546R-14 Guide to
Concrete Repair
Section 2: Using the
Concrete Repair
Manual. When
developing repair or
rehabilitation plans, the
Engineer should
specifically include
which sections of this
manual will be enforced.
Chapter 2 includes
information on assessing

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damage, distress limits,
and common types of
concrete repair.

Concrete Repair Manual: Using the Concrete Repair Manual

Handbooks and
manuals are ACI
documents that provide
tools and guidance to
the practitioner on
applying design,

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construction, and inspection standards. Handbooks typically contain charts, tables, and examples to facilitate design of concrete structures, formwork, and reinforcement detailing.

Handbooks And
Manuals - concrete.org
Using the Concrete
Repair Manual ...

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aci-concrete-repair-manual

Section 4: Repairs and Repair Manual. It is critical that repair crews use appropriate repair materials and installation methods. Even the best materials will not work effectively unless each aspect of the repair work is considered.

Concrete Repair
Manual: Repairs and
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Repair Manual
Causes, Evaluation, and
Repair of Cracks in
Concrete Structures
Reported by ACI
Committee 224 ACI
224.1R-07 The causes
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for the repair of cracks

Page 16/87

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224.1R-07 Causes, Evaluation, and Repair of Cracks in ...

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2019-1 1. Introduction

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Using the Concrete

Repair Manual 3.

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Concrete Repair
Manual 4. Repairs
and Repair Manual
5. Repair Procedure
Submission and
Approval 6. Quality
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Definitions and
Abbreviations 2.
Damage ...

Concrete Repair
Manual

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aci-concrete-repair-manual

ACI-CRM-4 Concrete Repair Manual 4th Edition 2013 is a comprehensive collection of concrete repair information. The manual is divided into 7 principal areas; general topics (including concrete repair terminology), condition evaluation, concrete restoration, contractual, strengthening,

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protection, and special cases.

Concrete Repair,
Concrete Restoration,
Concrete Repair ...
Using the Concrete
Repair Manual 3.
Standard Specification
References to the
Concrete Repair
Manual 4. Repairs
and Repair Manual
5. Repair Procedure

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Submission and
Approval 6. Quality
Control/Quality
Assurance 7.
Definitions and
Abbreviations 2.
Damage Assessment
and Repair Types 1.
Defining Concrete
Spalls Description ...

Concrete Repair
Manual: Damage
Assessment and Repair

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Types
Preparation for the
Repair of Deteriorated
Concrete Resulting
from Reinforcing Steel
Corrosion. CAN/CSA
G30.18, Billet-Steel Bars
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117, Standard
Tolerances for Concrete
Construction and
Materials Reinforcing
Steel Institute of

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Canada, (RSIC),
Manual of Standard
Practice

SPECIFICATIONS
FOR CONCRETE
REPAIRS - Manitoba
Concrete Repair
Manual - 4th Edition :
2-Volume Set [ICRI
ACI] on Amazon.com.
FREE shipping on
qualifying offers.

Abstract: Published by:
Page 23/87

ACI, ICRI. Fourth
Edition 2-Volume Set
This fourth edition is a
comprehensive
collection of concrete
repair information. The
manual is divided into 7
principal areas; general
topics (including
concrete repair
terminology)

Concrete Repair
Manual - 4th Edition :
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aci-concrete-repair-manual

2-Volume Set: ICRI ...
The initial author of the
Concrete Manual was
Joseph J. Waddell,
noted concrete
consultant. Special
thanks are due to Mr.
Waddell for his out-
standing contribution to
this unique publication
addressing the special
needs of the concrete
field and laboratory
inspector / technician.

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For nearly three decades, the publication has been continuously updated

CONCRETE
MANUAL - iccsafe.org
The International
Concrete Repair
Institute (ICRI), the
only association in the
concrete industry
devoted solely to repair
and restoration,

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publishes a bimonthly magazine and technical guidelines for concrete repair, and cosponsors the World of Concrete. Local chapters provide regional networking opportunities. Worldwide membership includes contractors, manufacturers, engineers, distributors ...

International Concrete
Repair Institute, Inc.
The American Concrete
Institute (ACI) is a
leading authority and
resource worldwide for
the development and
distribution of consensus-
based standards,
technical resources,
educational programs,
certification programs,
and proven expertise for
individuals and

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organizations involved
in concrete design,
construction, and
materials, who share a
commitment to
pursuing the best use of
concrete.

American Concrete
Institute
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Concrete Repair
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Manual - 3rd Edition
[ICRI. Third Edition
ACI] on Amazon.com.
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The initial author
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concrete

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laboratory inspector/technician.

For nearly three decades, the publication has been

continuously updated

Concrete Repair
Manual: Repairs
and Repair
Manual

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aci-concrete-repair-manual

Section 2: Using the Concrete Repair Manual. When developing repair or rehabilitation plans, the Engineer should specifically include which sections of this manual will be

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enforced.
Chapter 2
includes
information on
assessing
damage, distress
limits, and
common types of
concrete repair.
The American
Concrete
Institute.

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Founded in 1904
and
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Farmington Hills,
Michigan, USA,
the American
Concrete
Institute is a
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and resource
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programs, and
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concrete design

...

Handbooks and manuals are ACI documents that provide tools and guidance to the practitioner on applying design, construction, and inspection standards.

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Handbooks typically contain charts, tables, and examples to facilitate design of concrete structures, formwork, and reinforcement detailing.

Concrete Repair

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aci-concrete-repair-manual

Manual - 3rd Edition
[ICRI. Third Edition
ACI] on

Amazon.com.

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- ICRI International
Concrete Repair
Institute - NACE
International
(Formerly the
National Association
of Corrosion

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Engineers) - PTI Post-Tensioning Institute - SSPC The Society for Protective Coatings - USACE United States Army Corps of Engineers. The 2-volume Concrete Repair Manual is a must have for those involved in the repair of concrete.

usbr.gov

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aci-concrete-repair-manual

12 CONCRETE
REPAIR BULLETIN
MAY/JUNE 2017
WWW.ICRI.ORG BY
KEITH KESNER
AND KEVIN
CONROY

INTRODUCTION In
2006, an American
Concrete Institute
(ACI) technical
committee began
working on the

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develop - ment of a
building code for the
repair of existing
Concrete Repair
Manual 1-4 TxDOT
01/2019 Chapter 1 —
Introduction Section 2
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Repair Manual
Section 2 — Using the
Concrete Repair
Manual When
developing repair or

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rehabilitation plans,
the Engineer should
specifically include
which sections of this
manual will be
enforced.

Concrete Repair
Manual - 4th
Edition :
2-Volume Set
[ICRI ACI] on
Amazon.com.

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aci-concrete-repair-manual

FREE shipping
on qualifying
offers.

Abstract:

Published by:

ACI, ICRI.

Fourth Edition

2-Volume Set

This fourth

edition is a

comprehensive

collection of

concrete repair

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information.
The manual is
divided into 7
principal
areas; general
topics
(including
concrete repair
terminology)

**546R-14 Guide
to Concrete
Repair
SPECIFICATIONS**

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FOR CONCRETE
REPAIRS -
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Concrete Repair
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Edition :
2-Volume Set
American
Concrete
Institute

Using the

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Concrete Repair
Manual ... Section
4: Repairs and
Repair Manual. It
is critical that
repair crews use
appropriate repair
materials and
installation
methods. Even the
best materials will
not work effectively

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**Handbooks And
Manuals -**

concrete.org

**Concrete Repair
Manual**

**Concrete Repair
Manual: Using**

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aci-concrete-repair-manual

the Concrete Repair Manual

**Aci Concrete Repair
Manual
International
Concrete Repair
Institute, Inc.
Concrete Repair
Manual - 4th Edition
: 2-Volume Set: ICRI
...**

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aci-concrete-repair-manual

**224.1R-07 Causes,
Evaluation, and
Repair of Cracks in**

...

**ACI 562-16: The ACI
Concrete Repair
Code**

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Manual ? 4. Repairs
and Repair Manual ?
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Definitions and
Abbreviations 2.
Damage Assessment
and Repair Types 1.
Defining Concrete
Spalls ? Description ...
CONCRETE

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**MANUAL -
iccsafe.org**

The International Concrete Repair Institute (ICRI), the only association in the concrete industry devoted solely to repair and restoration, publishes a bimonthly magazine and technical guidelines for concrete repair, and cosponsors the

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World of
Concrete. Local
chapters provide
regional networking
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Worldwide
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contractors,
manufacturers,
engineers, distributors
...

Aci Concrete Repair Manual

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aci-concrete-repair-manual

- ICRI International
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Association of
Corrosion Engineers)
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United States Army
Corps of Engineers.
The 2-volume

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Concrete Repair Manual is a must have for those involved in the repair of concrete.

**Concrete Repair
Manual - 4th Edition
: 2-Volume Set**

Guide to Concrete
Repair Author: ACI
Committee 546
Subject: This guide
presents

Page 55/87

recommendations for the selection and application of materials and methods for repairing, protecting, and strengthening concrete structures. An overview of materials and methods is presented as a guide for selecting a particular application.

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**Guide to Concrete
Repair - American
Concrete Institute**
Concrete Repair
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01/2019 Chapter 1 —
Introduction Section 2
— Using the Concrete
Repair Manual
Section 2 — Using the
Concrete Repair
Manual When
developing repair or

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**Concrete Repair
Manual (CRM)**
12 CONCRETE
REPAIR BULLETIN
MAY/JUNE 2017
WWW.ICRI.ORG BY
KEITH KESNER AND

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aci-concrete-repair-manual

KEVIN CONROY
INTRODUCTION In
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**ACI 562-16: The ACI
Concrete Repair
Code**

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aci-concrete-repair-manual

The American
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Founded in 1904 and
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Michigan, USA, the
American Concrete
Institute is a leading
authority and
resource worldwide
for the development,
dissemination, and
adoption of its
consensus-based

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standards, technical resources, educational programs, and proven expertise for individuals and organizations involved in concrete design ...

**546R-14 Guide to
Concrete Repair**
Section 2: Using the
Concrete Repair
Manual. When
developing repair or

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rehabilitation plans, the Engineer should specifically include which sections of this manual will be enforced. Chapter 2 includes information on assessing damage, distress limits, and common types of concrete repair.

Concrete Repair

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Manual: Using the Concrete Repair Manual

Handbooks and manuals are ACI documents that provide tools and guidance to the practitioner on applying design, construction, and inspection standards. Handbooks typically contain charts, tables,

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and examples to facilitate design of concrete structures, formwork, and reinforcement detailing.

Handbooks And Manuals - concrete.org

Using the Concrete
Repair Manual ...
Section 4: Repairs
and Repair Manual. It

Page 64/87

is critical that repair crews use appropriate repair materials and installation methods. Even the best materials will not work effectively unless each aspect of the repair work is considered.

Concrete Repair Manual: Repairs and Repair Manual

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Causes, Evaluation, and Repair of Cracks in Concrete

Structures Reported
by ACI Committee
224 ACI 224.1R-07

The causes of cracks
in concrete structures
are summarized. The
proce-dures used to
evaluate cracking in
concrete and the
principal techniques
for the repair of

Page 66/87

cracks are presented.
The key methods of
crack repair are

224.1R-07 Causes, Evaluation, and Repair of Cracks in

...

? Manual Notice
2019-1 1. Introduction
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Repair Manual ? 3.
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Specification
References to the
Concrete Repair
Manual ? 4. Repairs
and Repair Manual ?
5. Repair Procedure
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Damage ...

Concrete Repair Manual

ACI-CRM-4 Concrete Repair Manual 4th Edition 2013 is a comprehensive collection of concrete repair information.

The manual is divided into 7 principal areas; general topics (including concrete repair terminology), condition evaluation,

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contractual,
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**Concrete Repair,
Concrete
Restoration,
Concrete Repair ...**
Using the Concrete
Repair Manual ? 3.
Standard
Specification

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References to the
Concrete Repair
Manual ? 4. Repairs
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Submission and
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Definitions and
Abbreviations 2.
Damage Assessment
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Defining Concrete

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Spalls ? Description ...

**Concrete Repair
Manual: Damage
Assessment and
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Preparation for the
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**SPECIFICATIONS
FOR CONCRETE
REPAIRS - Manitoba
Concrete Repair**

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Manual - 4th Edition :
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Abstract: Published
by: ACI, ICRI. Fourth
Edition 2-Volume Set
This fourth edition is a
comprehensive
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**Concrete Repair
Manual - 4th Edition
: 2-Volume Set: ICRI**

...

The initial author of
the Concrete Manual
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Waddell, noted
concrete consultant.
Special thanks are

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due to Mr. Waddell for his out-standing contribution to this unique publication addressing the special needs of the concrete field and laboratory inspector/technician. For nearly three decades, the publication has been continuously updated

**CONCRETE
MANUAL -
iccsafe.org**

The International
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Worldwide
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manufacturers,
engineers, distributors
...

International

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Concrete Repair Institute, Inc.

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and distribution of
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resources,
educational programs,
certification programs,

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and proven expertise for individuals and organizations involved in concrete design, construction, and materials, who share a commitment to pursuing the best use of concrete.

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Institute**
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**Concrete Repair
Manual: Damage
Assessment and
Repair Types**

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ACI-CRM-4
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**Guide to Concrete
Repair - American
Concrete Institute
Concrete Repair,
Concrete
Restoration,**

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**Concrete Repair ...
Concrete Repair
Manual (CRM)**

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certification
programs, and
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organizations
involved in concrete
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construction, and
materials, who
share a commitment
to pursuing the best

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use of concrete.

Guide to Concrete
Repair Author: ACI
Committee 546
Subject: This
guide presents
recommendations
for the selection
and application of
materials and
methods for

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aci-concrete-repair-manual

repairing,
protecting, and
strengthening
concrete
structures. An
overview of
materials and
methods is
presented as a
guide for selecting
a particular applica-
tion.

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